

CENTER FOR INDOOR AIR RESEARCH  
1099 WINTERTON ROAD SUITE 280 LINTHICUM, MD. 21190  
(410) 684-3777 FAX (410) 684-3729

## APPLICATION FOR RESEARCH CONTRACT

1. PRINCIPAL INVESTIGATOR, NAME, TITLE, TELEPHONE # AND MAILING ADDRESS.

Tel: 44 423 500011  
Fax: 44 423 569565

(A) Mr Keith Phillips (B) Manager (C)   
NAME TITLE TELEPHONE #/ FAX #  
(D) Analytical Chemistry (E) Hazleton UK  
DEPARTMENT INSTITUTION  
Otley Road, Harrogate North Yorkshire HG3 1P

(F) Determination of personal exposures to (G)   
MAILING ADDRESS STATE/ZIP

2. PROJECT TITLE Environmental Tobacco Smoke in British non-smokers Environmental Tobacco Smoke

3. KEY WORDS. PLEASE PROVIDE THREE (3) KEY WORDS WHICH WILL BE USED AS REFERENCE HEADINGS.

4. INSTITUTION, NAME AND ADDRESS OF INSTITUTION RESPONSIBLE AND ACCOUNTABLE FOR DISPOSITION OF FUNDS AWARDED ON THE BASIS OF THIS APPLICATION:

(A) Hazleton UK (B) Otley Road  
INSTITUTION STREET ADDRESS  
(C) Harrogate (D) North Yorkshire HG3 1PY  
CITY STATE/ZIP

5. LOCATION. LIST LOCATION WHERE RESEARCH WILL BE CONDUCTED IF OTHER THAN INSTITUTION IDENTIFIED IN #4 ABOVE:

(A)  
(B)

6. INCLUSIVE DATES AND TOTAL COSTS OF THIS SPECIFIC PROJECT RELATED TO EACH 12 MONTH PERIOD IF MORE THAN ONE YEAR IS REQUIRED TO COMPLETE PROJECT. SUMMARIZE FROM BUDGET PAGE, ITEM 12(J). IT MUST BE UNDERSTOOD THAT AWARDS FOR 2ND AND 3RD PERIODS ARE DEPENDENT ON CENTER APPROVAL OF CONTINUATION APPLICATION.

(A) 1ST 12 MONTH PERIOD September 1992 THRU August 1993 125,000-00 POUNDS STERLING  
(B) 2ND 12 MONTH PERIOD IF REQUIRED - THRU - \$ -  
(C) 3RD 12 MONTH PERIOD IF REQUIRED - THRU - \$ -

7. INSTITUTIONAL OFFICER, NAME, TITLE AND TELEPHONE. NUMBER OF INDIVIDUAL AUTHORIZED TO SIGN FOR THE INSTITUTION IDENTIFIED IN #4 ABOVE. IT IS UNDERSTOOD THAT THE OFFICER, IN APPLYING FOR A CONTRACT, HAS READ AND FOUND ACCEPTABLE THE CENTER'S MANAGEMENT OF RESEARCH CONTRACTS AND CONTRACT ADMINISTRATION POLICY. (other than the payment schedule)\*

(A) Mr M Wilson (B) Contracts Administrator  
NAME TITLE  
(C) 44 423 500011 (D) [Signature] (E) 7 September 1992  
TELEPHONE SIGNATURE OF INSTITUTIONAL OFFICER DATE

10. PRELIMINARY STUDIES\* Page 8

(A) FEASIBILITY OF PROPOSED RESEARCH  
(B) QUALIFICATIONS OF INVESTIGATOR

8. AIMS - Page 5

11. EXPERIMENTAL PLAN\* Page 9

(A) DESIGN  
(B) METHODS  
(C) ANALYSIS OF DATA  
(D) INTERPRETATION OF RESULTS  
(E) TIMETABLE FOR THE INVESTIGATION  
(F) LITERATURE CITED

9. SIGNIFICANCE OF PROPOSED WORK - Page 6

(a) Background  
(b) Literature  
(c) Identification of gaps in proposed research area  
(d) Project importance

12. AVAILABLE FACILITIES AND RESOURCES. Page 13

XXXXXXXXXXXX

\* APPEND AS MUCH MATERIAL AS REQUIRED. TYPE, SINGLE SPACE, USE 8-1/2" X 11" WHITE PAPER AND LABEL EACH SHEET WITH NAME OF THE PRINCIPAL INVESTIGATOR IN THE UPPER RIGHT HAND CORNER AND PAGE NUMBER AT THE BOTTOM. CONSECUTIVELY NUMBER EACH ADDENDUM BEGINNING WITH PAGE 5. DO NOT INSERT PAGES BETWEEN PAGES 1 AND 6, E.G., 2A, 2B, 3A, ETC. INCLUDE NINE COPIES AND AN ORIGINAL. IF SENDING PHOTOGRAPHS, INCLUDE 2 ORIGINAL SETS. NOTE: EACH OF THE NINE COPIES MUST BE PLACED IN A BINDER PER MAILING INSTRUCTIONS.

\* Please see preferred method of payment on Hazleton Quotation.

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(a) Salaries. List personnel by name and title. Indicate individuals % time to be spent on this project.

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## 13. BUDGET

	Pounds Sterling
Pilot Study (10 volunteers)	7,500
Main Study (minimum of 280 volunteers)	
• Volunteer recruitment, administration, reimbursement	24,500
• Collection/delivery of kits; equipment maintenance	9,500
• Analytical phase, to include method development/ validation and routine analysis of samples for total particulates, nicotine, UVPM/FPM, solanesol and salivary cotinine	75,000
• Prepare a report and a manuscript for publication	8,000
TOTAL	125,000

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- 14 ☒ BIOGRAPHICAL SKETCH of all professional personnel listed in 12(a). Append. Please include the following: Name, title, education, scientific field, major research interest, research and/or professional experience and publications. (Limit list of publications to the 20 most important and/or relevant.)

See Appendix C

- 15 ☒ a) Are HUMAN SUBJECTS to be used in this research? \_\_\_\_\_ Yes \_\_\_\_\_ No  
If yes, attach Institutional Review Board approval for procedures involving human subjects.

See Appendix D

- b) Are LABORATORY ANIMALS to be used in this research? \_\_\_\_\_ Yes \_\_\_\_\_ No  
If yes, attach Institutional Animal Care and Use Committee approval for procedures involving animals.

Not applicable

- 16 ☒ SIGNATURE OF PRINCIPAL INVESTIGATOR: It is understood that the applicant in applying for a Contract has read and found acceptable the Statements of Policy and Terms Under Which Project Contracts Are Made appearing in the application package. (other than payment schedule)

  
\_\_\_\_\_  
Signature of Principal Investigator

12 August, 1992  
\_\_\_\_\_  
Date

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